

DDX46 antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI10983

Specification

DDX46 antibody - middle region - Product Information

Application	WB
Primary Accession	Q7L014
Other Accession	NM_014829 , NP_055644
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Rabbit, Pig, Chicken, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	117kDa KDa

DDX46 antibody - middle region - Additional Information

Gene ID 9879

Alias Symbol **FLJ25329, KIAA0801, MGC9936, PRPF5, Prp5**

Other Names

Probable ATP-dependent RNA helicase DDX46, 3.6.4.13, DEAD box protein 46, PRP5 homolog, DDX46, KIAA0801

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-DDX46 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

DDX46 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

DDX46 antibody - middle region - Protein Information

Name DDX46 {ECO:0000303|PubMed:36797247, ECO:0000312|HGNC:HGNC:18681}

Function

Component of the 17S U2 SnRNP complex of the spliceosome, a large ribonucleoprotein complex that removes introns from transcribed pre-mRNAs (PubMed:12234937, PubMed:32494006, PubMed:34822310, PubMed:<a

[36797247](http://www.uniprot.org/citations/36797247)). The 17S U2 SnRNP complex (1) directly participates in early spliceosome assembly and (2) mediates recognition of the intron branch site during pre-mRNA splicing by promoting the selection of the pre-mRNA branch-site adenosine, the nucleophile for the first step of splicing (PubMed: [32494006](http://www.uniprot.org/citations/32494006), PubMed: [34822310](http://www.uniprot.org/citations/34822310)). Within the 17S U2 SnRNP complex, DDX46 plays essential roles during assembly of pre-spliceosome and proofreading of the branch site (PubMed: [34822310](http://www.uniprot.org/citations/34822310)).

Cellular Location

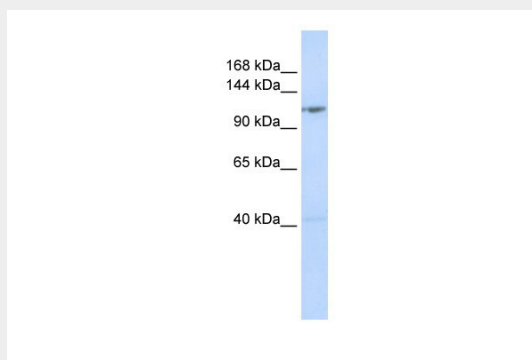
Nucleus speckle. Nucleus, Cajal body. Note=Present in Cajal bodies (CBs) and nuclear speckles.

DDX46 antibody - middle region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DDX46 antibody - middle region - Images



WB Suggested Anti-DDX46 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: MCF7 cell lysate

DDX46 is supported by BioGPS gene expression data to be expressed in MCF7